

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027983.D
 Acq On : 26 Nov 2020 03:27
 Operator : JU/CG
 Sample : L4749-14DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B13DL

Manual Integrations
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mohammad
 11/27/2020 11:44:30 AM

Quant Time: Nov 26 05:20:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 26 05:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1252	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	4985	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2766	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4906	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	2729	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2628	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	164	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	235	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.20	128	1152	0.077	ng/ul#	89
5) 2-Methylnaphthalene	12.79	142	550	0.054	ng/ul	99
7) Acenaphthylene	14.66	152	596	0.044	ng/ul#	76
8) Acenaphthene	15.00	153	3251	0.321	ng/ul	99
9) Fluorene	15.97	166	2224	0.190	ng/ul	98
12) Phenanthrene	17.69	178	34664	2.237	ng/ul	97
13) Anthracene	17.78	178	6767	0.453	ng/ul	100
15) Fluoranthene	19.67	202	51720	3.010	ng/ul	100
17) Pyrene	20.03	202	40656	2.933	ng/ul	96
18) Benzo(a)anthracene	21.74	228	17481	1.588	ng/ul	99
19) Chrysene	21.79	228	17578	1.639	ng/ul	98
21) Benzo(b)fluoranthene	23.43	252	21472m	1.944	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	8031m	0.743	ng/ul	
23) Benzo(a)pyrene	24.06	252	14822	1.535	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.66	276	10075	0.964	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.66	278	2409	0.277	ng/ul#	91
26) Benzo(a,h,i)perylene	27.43	276	8704	0.992	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

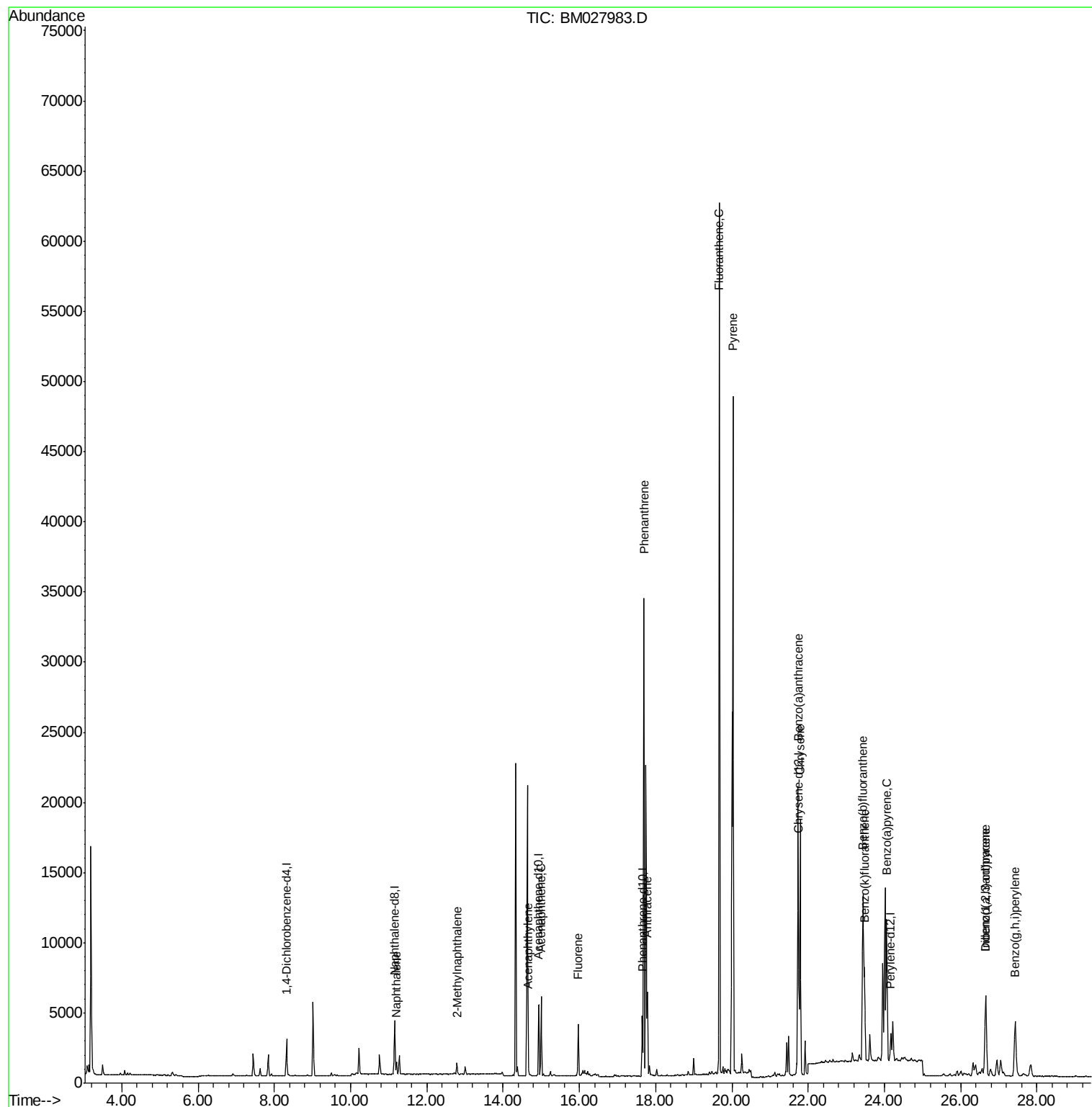
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027983.D
Acq On : 26 Nov 2020 03:27
Operator : JU/CG
Sample : L4749-14DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

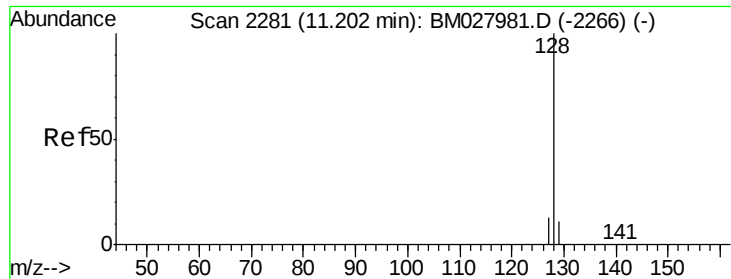
Instrument :
BNA_M
ClientSampleId :
C0B13DL

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Quant Time: Nov 26 05:20:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 26 05:11:50 2020
Response via : Initial Calibration





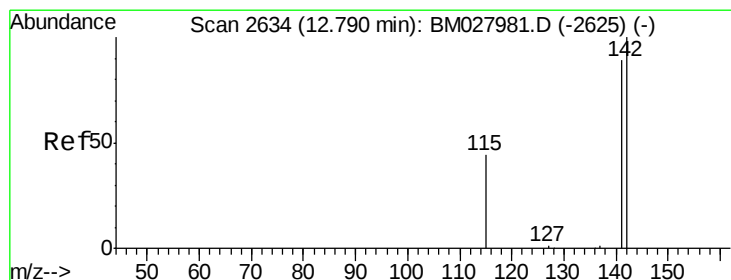
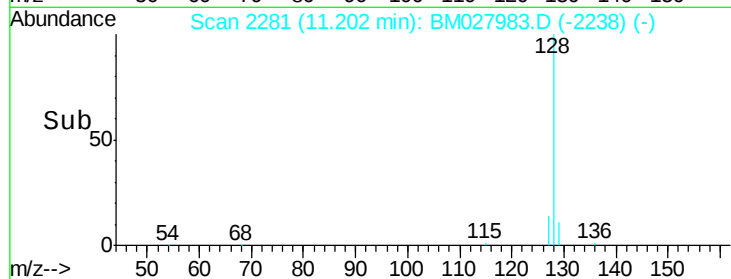
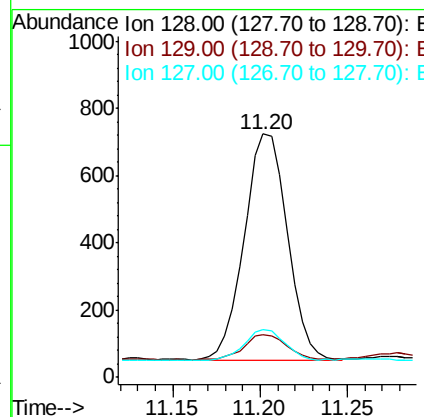
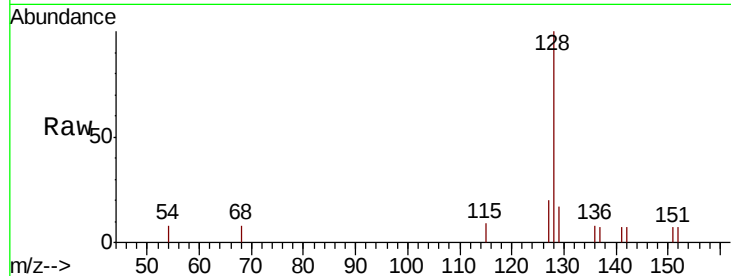
#3
Naphthalene
Concen: 0.077 ng/ul
RT: 11.20 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Instrument :
BNA_M
ClientSampled :
C0B13DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.4	10.4	15.6#
127	19.8	12.0	18.0#

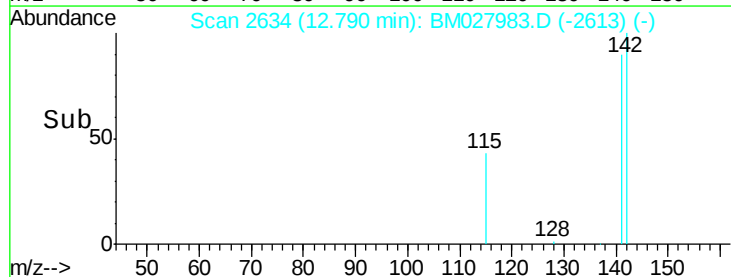
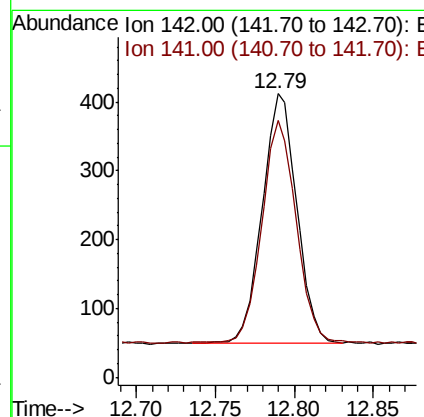
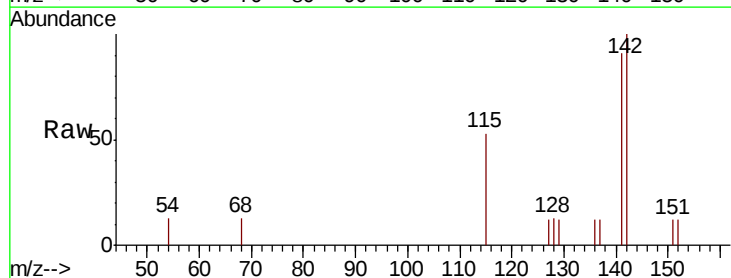
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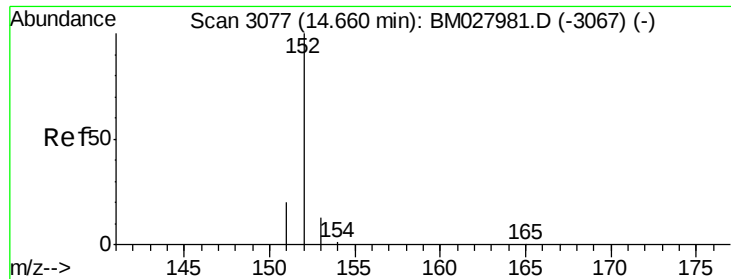
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#5
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.79 min Scan# 2634
Delta R.T. -0.00 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 14.66 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

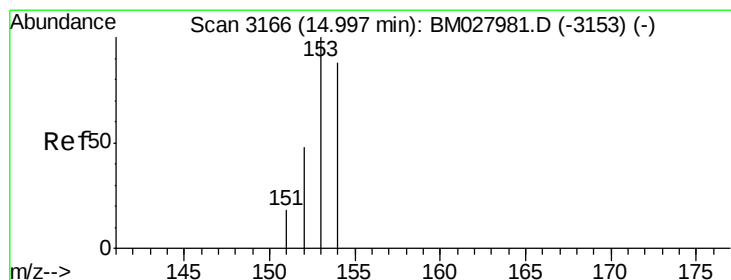
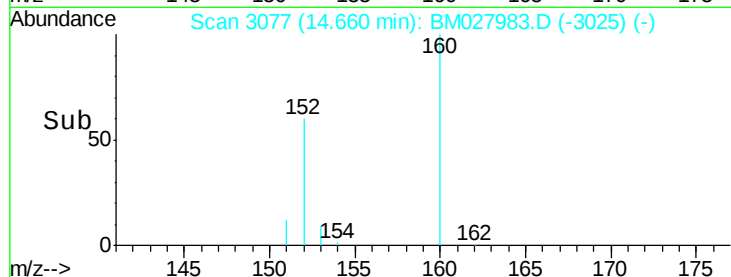
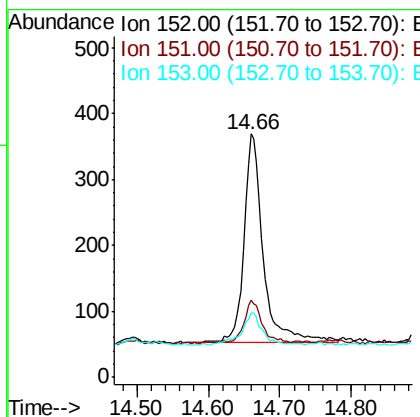
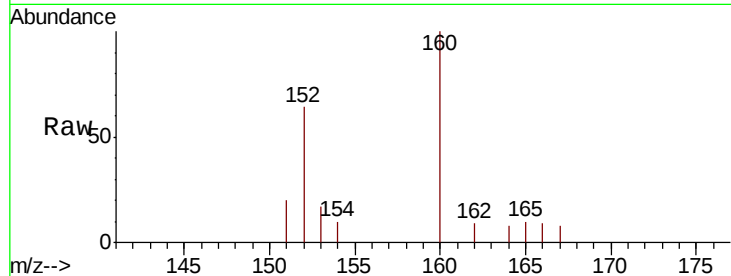
ClientSampled :

C0B13DL

Tot Ion:	152	Resp:	596
Ion Ratio	Lower	Upper	
152	100		
151	32.0	17.1	25.7#
153	26.3	12.0	18.0#

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#8

Acenaphthene

Concen: 0.321 ng/ul

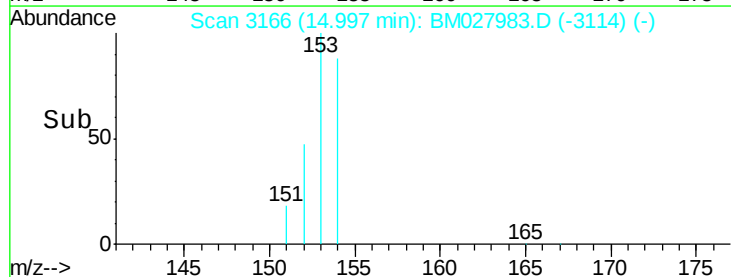
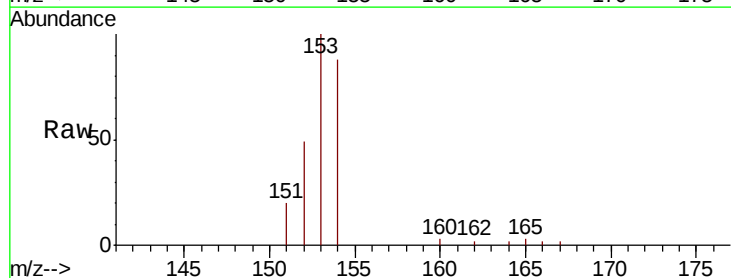
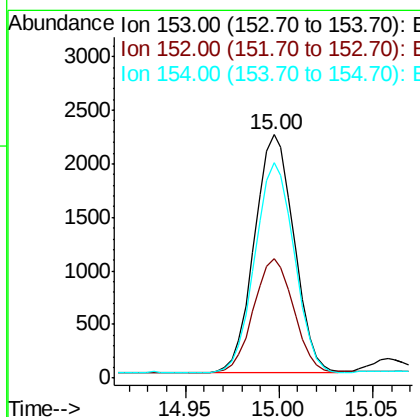
RT: 15.00 min Scan# 3166

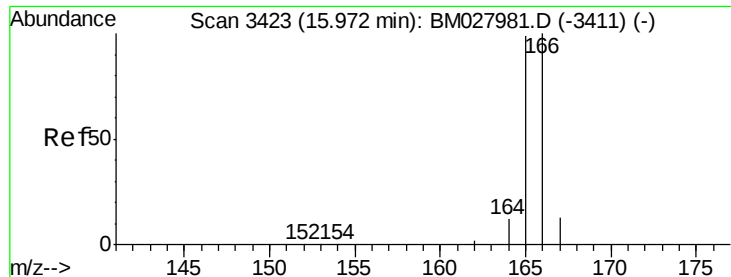
Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Tgt Ion:	153	Resp:	3251
Ion Ratio	Lower	Upper	
153	100		
152	48.8	39.0	58.6
154	88.3	71.6	107.4





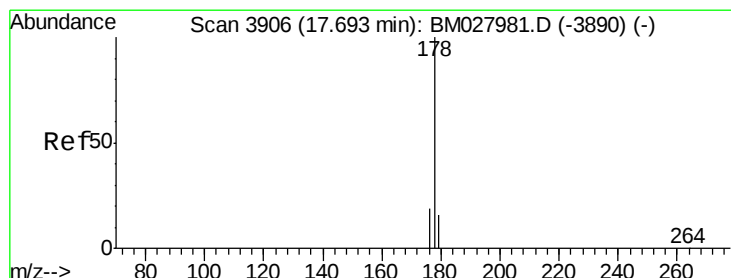
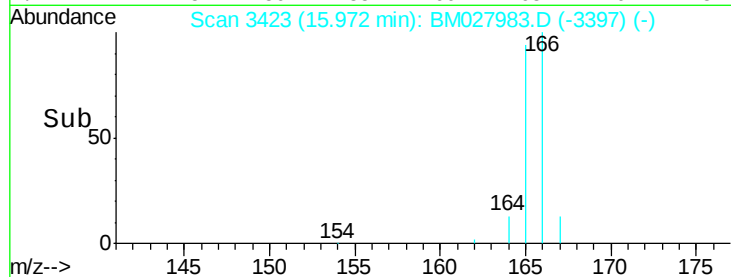
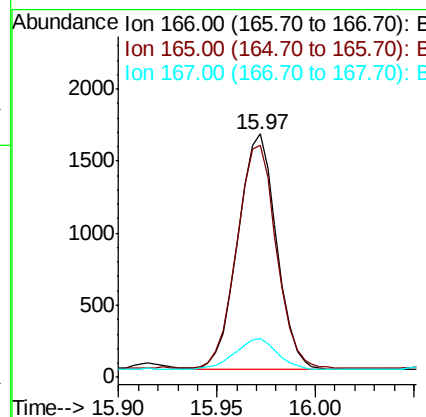
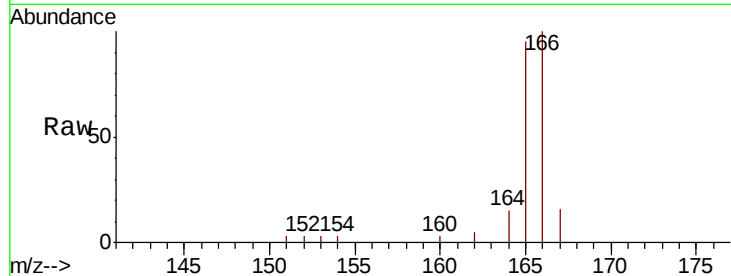
#9
Fluorene
 Concen: 0.190 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: BM027983.D
 Acq: 26 Nov 2020 03:27

Instrument :
 BNA_M
 ClientSampleId :
 C0B13DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.1	117.1
167	16.1	11.8	17.8

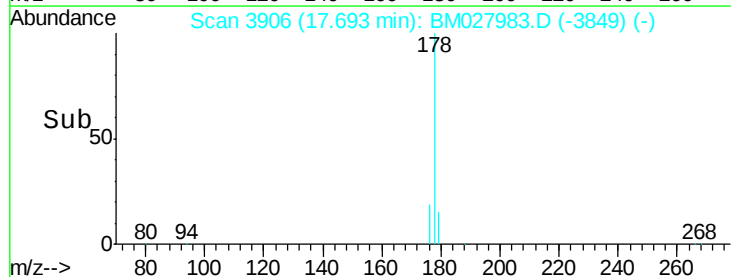
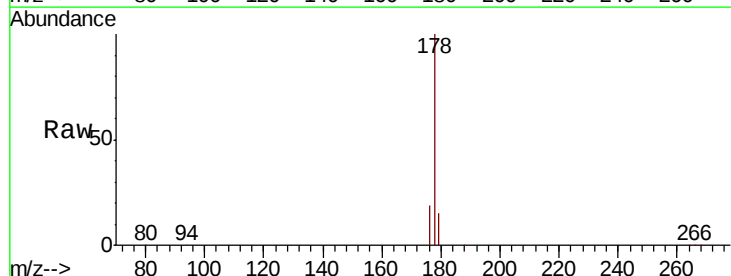
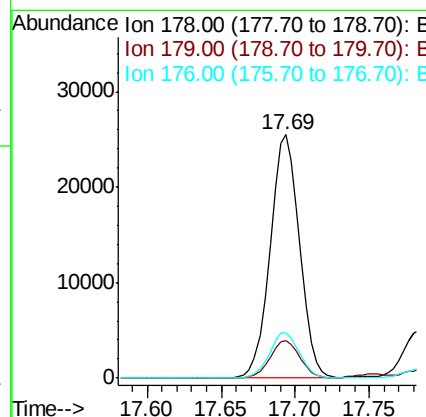
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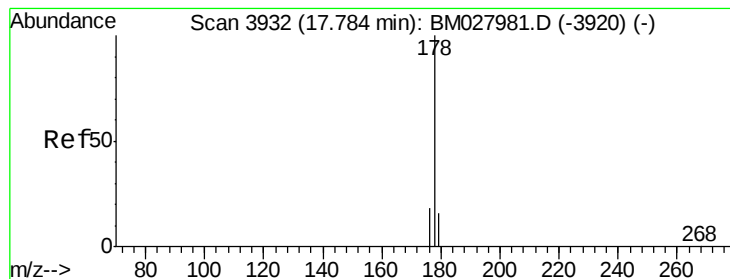
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#12
Phenanthrene
 Concen: 2.237 ng/ul
 RT: 17.69 min Scan# 3906
 Delta R.T. -0.00 min
 Lab File: BM027983.D
 Acq: 26 Nov 2020 03:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	18.8	16.1	24.1





#13

Anthracene

Concen: 0.453 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

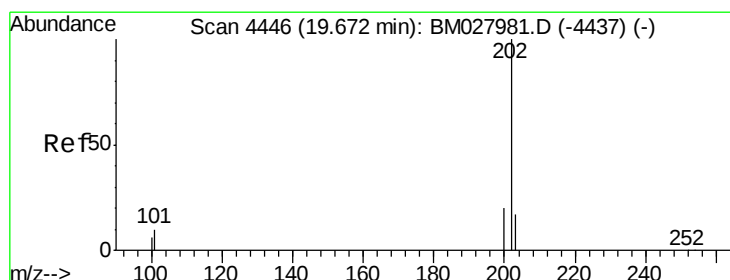
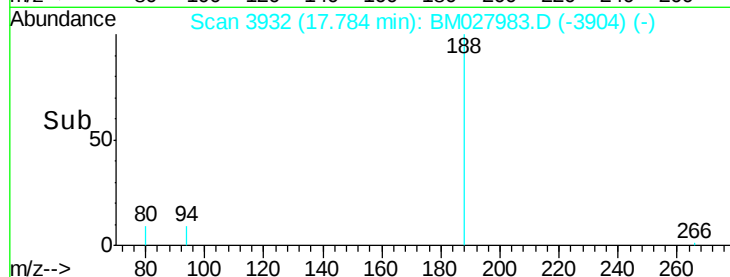
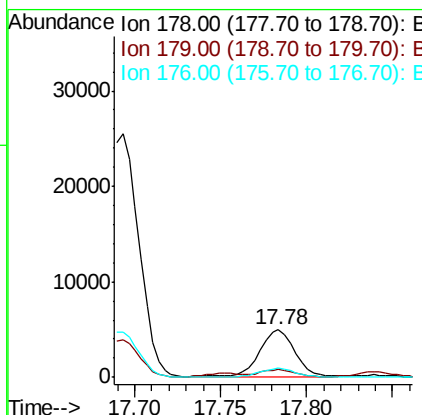
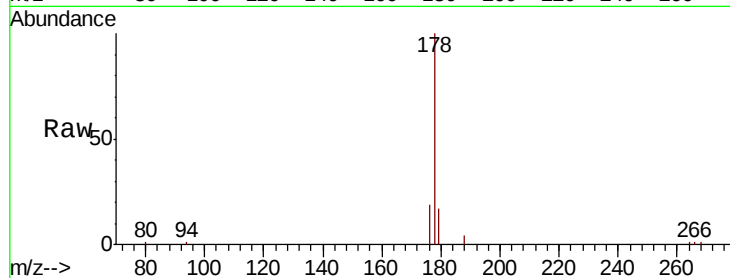
ClientSampleId :

C0B13DL

Tot Ion:	178	Resp:	6767
Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.2
176	18.8	15.0	22.6

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#15

Fluoranthene

Concen: 3.010 ng/ul

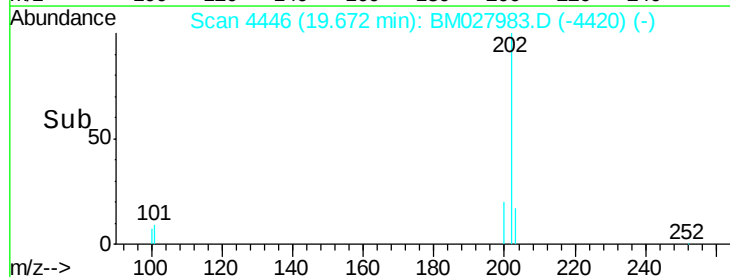
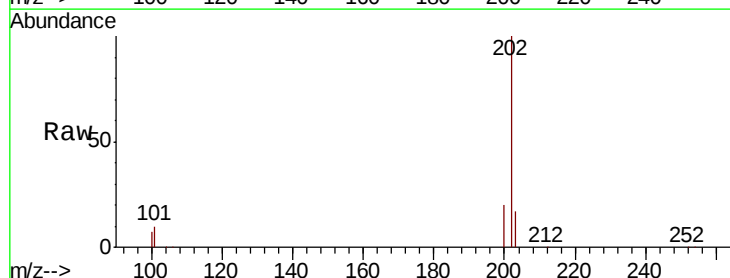
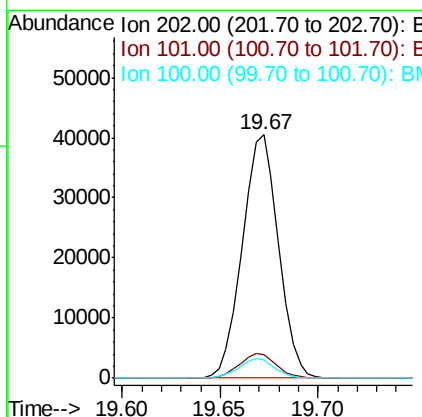
RT: 19.67 min Scan# 4446

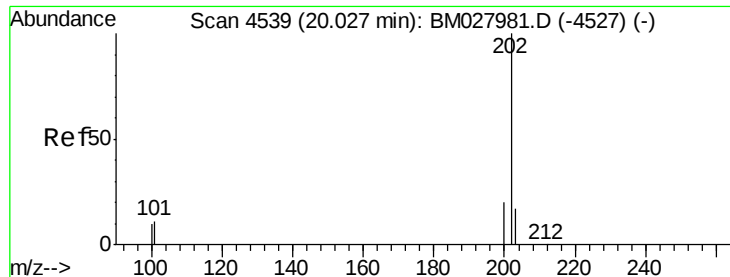
Delta R.T. 0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Tgt Ion:	202	Resp:	51720
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
100	7.4	0.0	27.4





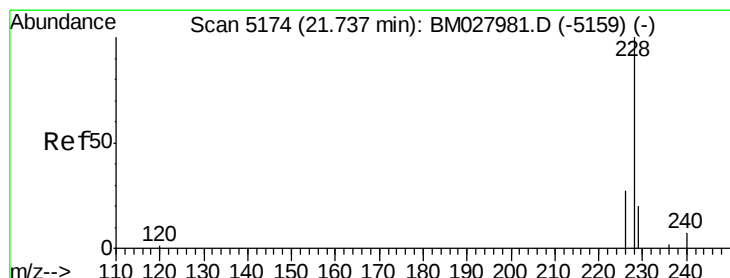
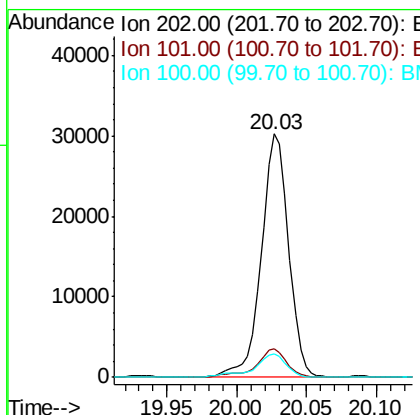
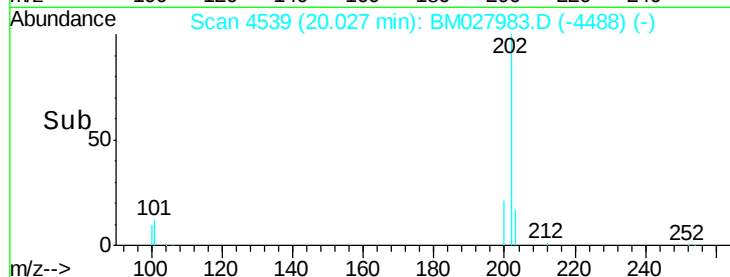
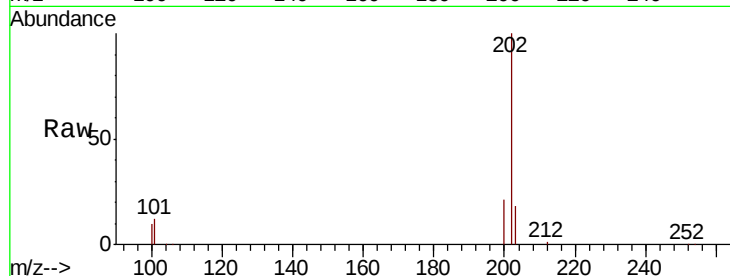
#17
Pvrene
Concen: 2.933 ng/ul
RT: 20.03 min Scan# 4539
Delta R.T. -0.00 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Instrument :
BNA_M
ClientSampleId :
C0B13DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	8.2	12.2
100	9.8	6.9	10.3

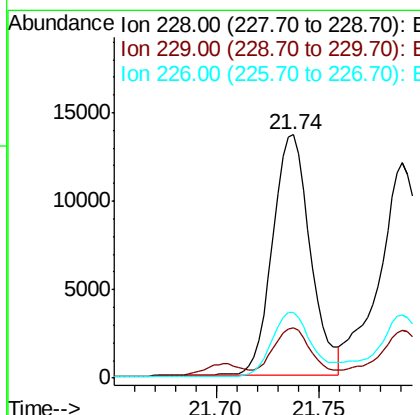
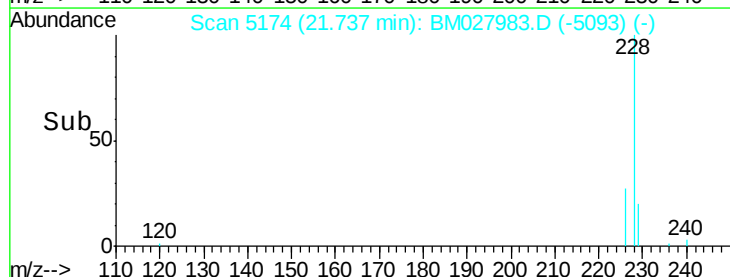
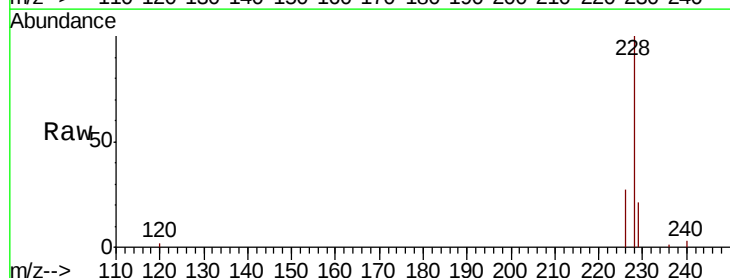
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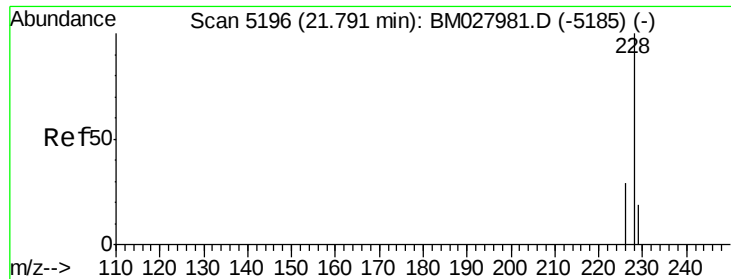
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#18
Benzo(a)anthracene
Concen: 1.588 ng/ul
RT: 21.74 min Scan# 5174
Delta R.T. -0.00 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.2	24.4
226	27.2	21.5	32.3





#19

Chrysene

Concen: 1.639 ng/ul

RT: 21.79 min Scan# 5196

Delta R.T. -0.01 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

ClientSampleId :

C0B13DL

Tot Ion:228 Resp: 17578

Ion Ratio Lower Upper

228 100

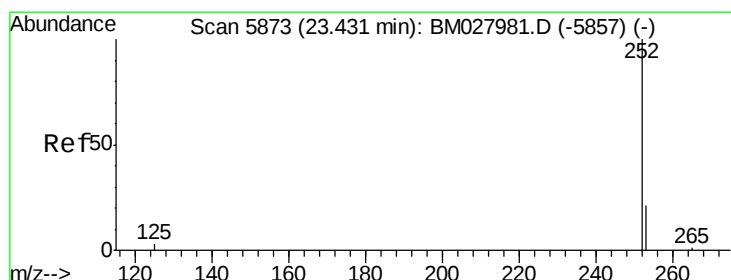
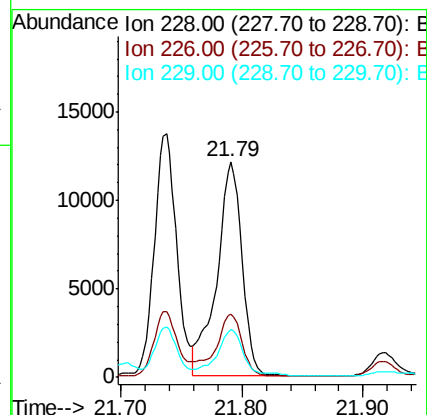
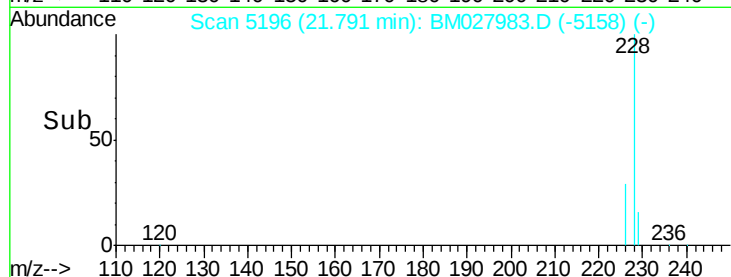
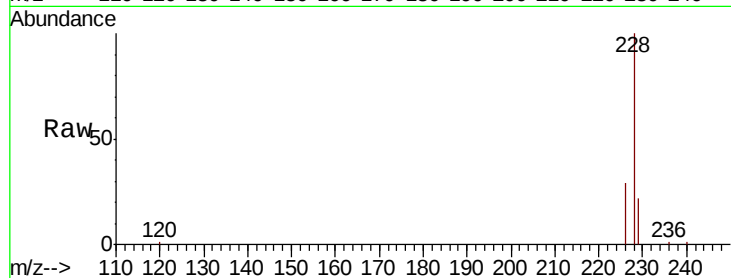
226 29.4 24.1 36.1

229 22.0 16.6 24.8

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#21

Benzo(b)fluoranthene

Concen: 1.944 ng/ul m

RT: 23.43 min Scan# 5874

Delta R.T. -0.00 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

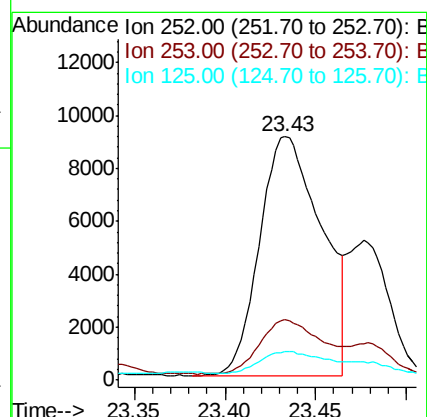
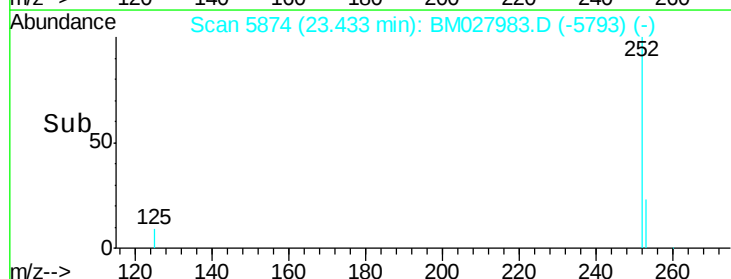
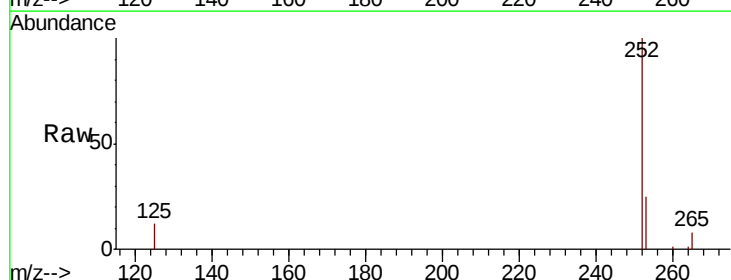
Tgt Ion:252 Resp: 21472

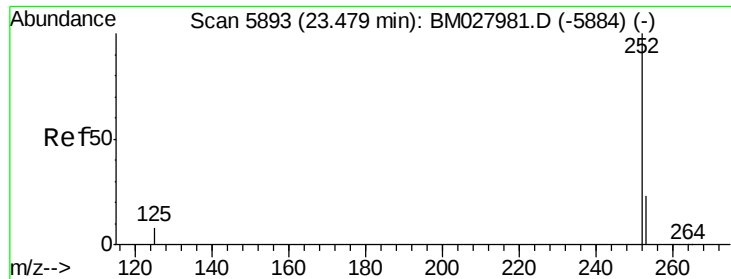
Ion Ratio Lower Upper

252 100

253 24.7 0.0 59.6

125 11.8 0.0 28.4





#22

Benzo(k)fluoranthene

Concen: 0.743 ng/ul m

RT: 23.48 min Scan# 5892

Delta R.T. -0.01 min

Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Instrument :

BNA_M

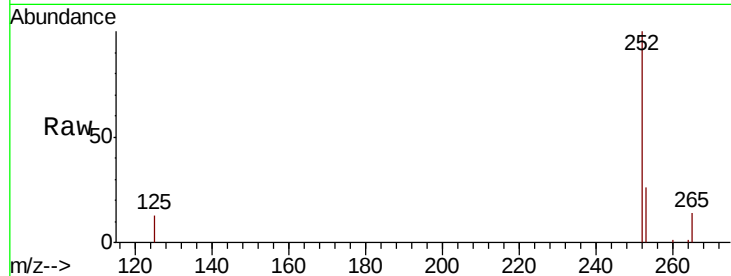
ClientSampleId :

C0B13DL

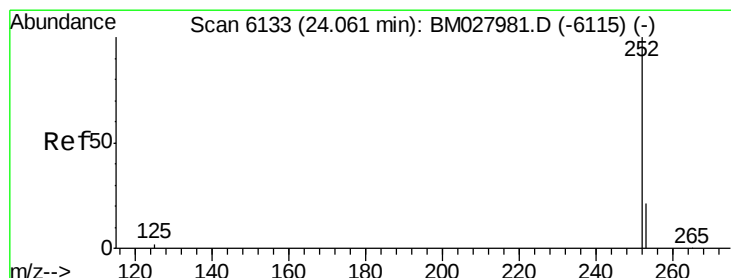
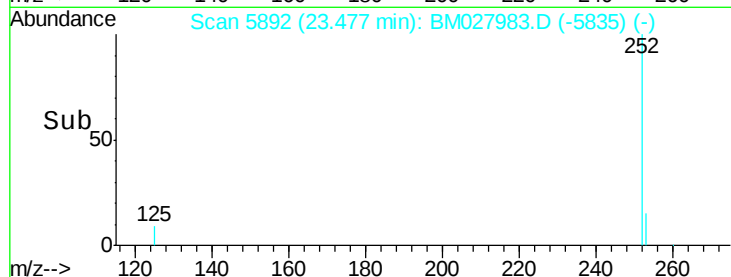
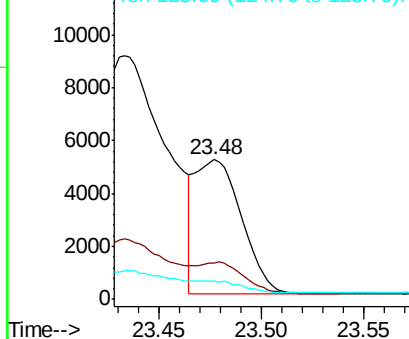
Tot Ion:	252	Resp:	8031
Ion Ratio	Lower	Upper	
252	100		
253	26.3	23.2	34.8
125	13.4	11.8	17.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 1.535 ng/ul

RT: 24.06 min Scan# 6133

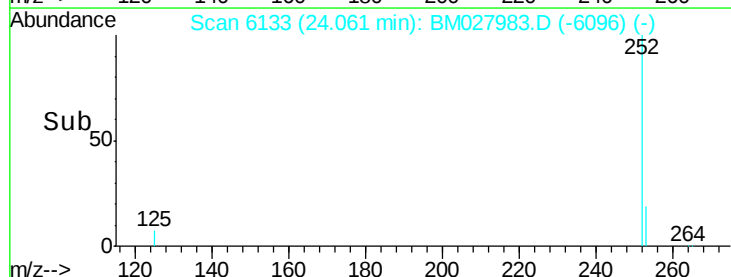
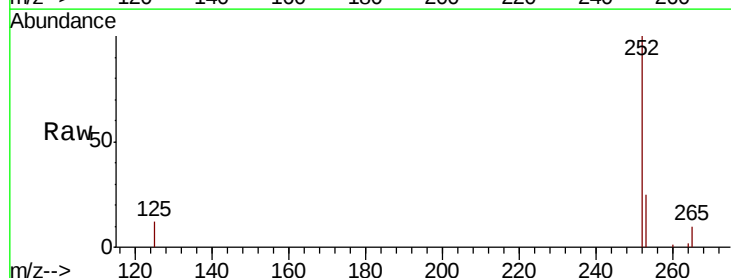
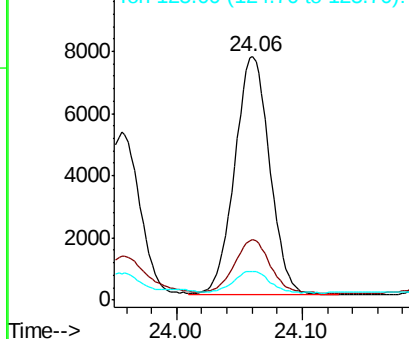
Delta R.T. -0.01 min

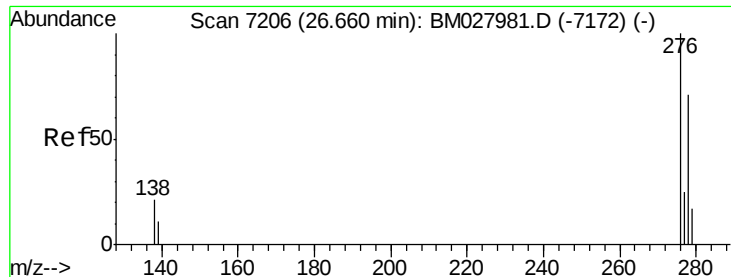
Lab File: BM027983.D

Acq: 26 Nov 2020 03:27

Tgt Ion:	252	Resp:	14822
Ion Ratio	Lower	Upper	
252	100		
253	24.8	25.2	37.8#
125	11.8	13.8	20.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





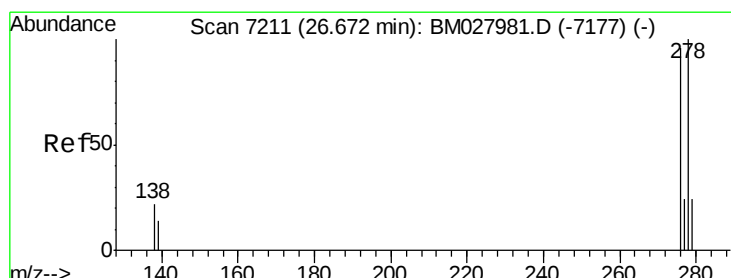
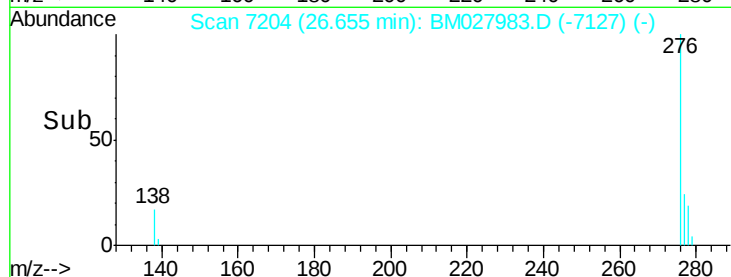
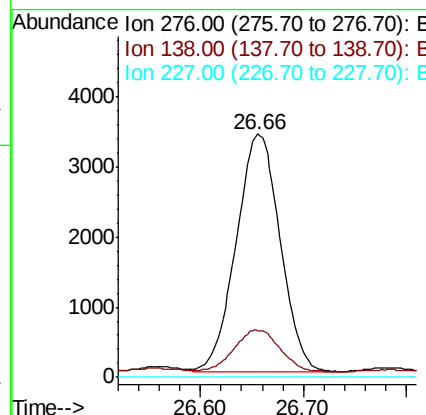
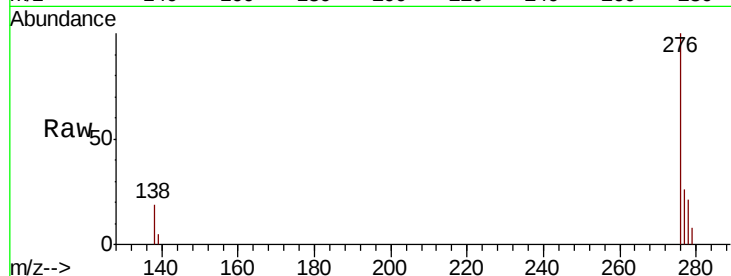
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.964 ng/u1
RT: 26.66 min Scan# 7204
Delta R.T. -0.01 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Instrument :
BNA_M
ClientSampleId :
C0B13DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0

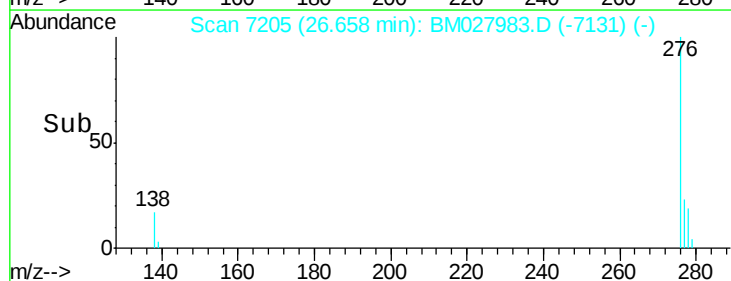
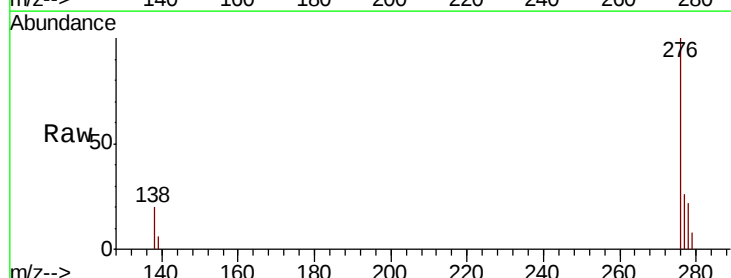
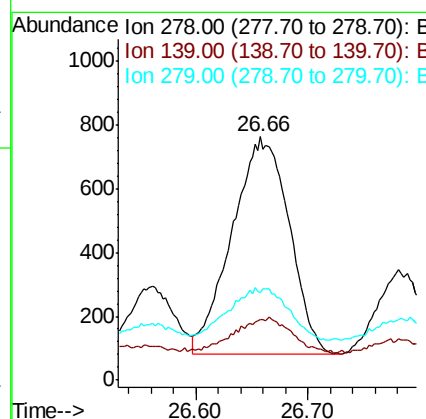
Manual Integrations
APPROVED

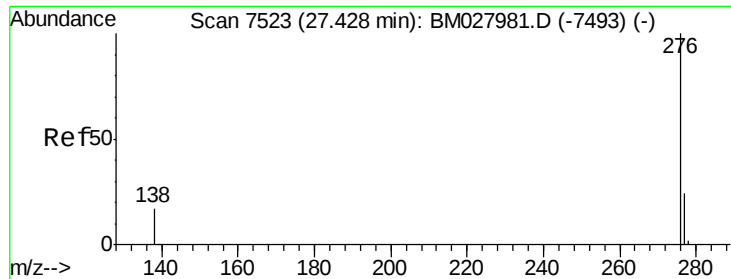
mohammad
11/27/2020 11:44:30 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.277 ng/u1
RT: 26.66 min Scan# 7205
Delta R.T. -0.02 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.9	14.8	22.2#
279	35.9	25.8	38.6





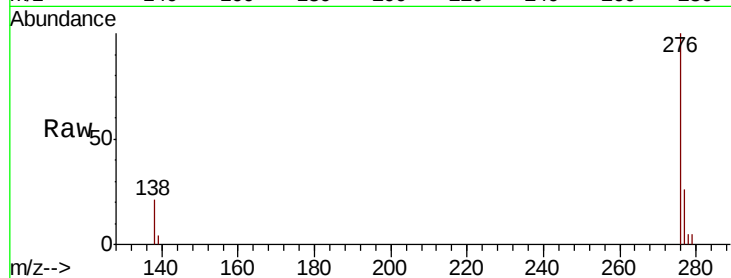
#26
Benzo(a,h,i)perylene
Concen: 0.992 ng/ul
RT: 27.43 min Scan# 7523
Delta R.T. -0.01 min
Lab File: BM027983.D
Acq: 26 Nov 2020 03:27

Instrument :
BNA_M
ClientSampleId :
C0B13DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.4	26.2
277	25.8	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/27/2020 11:44:30 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

